

NO_x Budget Trading Program - 25 Ton Exemption

This form should be used to establish federally enforceable permit terms and conditions limiting a NO_x budget unit's ozone control period NO_x mass emissions to less than or equal to 25 tons.

Source Information			
Source name:			
Plant ID:		ORIS / Facility Code (if known):	
Authorized Account Representative:			
Telephone number:			
Fax number:			
Email address (optional):			
NATS General Account Number (see page 2):			

Unit Information				
1. Unit identification:				
2. Does the unit only burn natural gas or fuel oil?		Yes	<input type="checkbox"/>	No <input type="checkbox"/>
3. Do you agree to restrict the unit to burn only natural gas or fuel oil during the ozone control period?		Yes	<input type="checkbox"/>	No <input type="checkbox"/>
4. Do you agree to limit NO _x emissions to 25 tons or less per ozone control period?		Yes	<input type="checkbox"/>	No <input type="checkbox"/>
5. Choose one of the following methods to comply with 25 ton restriction				
(a) Limit actual emissions to less than or equal to 25 tons as measured by 40 CFR 75, 326 IAC 10-4-12 or 40 CFR 75, Appendix E				
(b) Restrict operating hours to number calculated by dividing 25 tons of NO _x emissions by unit's maximum potential hourly NO _x mass emissions				
(c) Restrict the usage of fuel such that potential NO _x mass emissions is less than or equal to 25 tons per ozone control period				
6. If you choose a restriction on operating hours, provide the following information:				
(a) What is the maximum operating hours allowed during the ozone control period as calculated by Equation 1?				

Certifications	
Authorized account representative	
<p>"I am authorized to make this submission on behalf of the owners and operators of the NO_x budget sources or NO_x budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."</p>	
Signature:	
Printed Name:	
Date:	
Responsible official / Authorized individual	
<p>"I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete."</p>	
Signature:	
Printed Name:	
Title/Position:	
Phone:	Date:

A unit described under this application shall be a NO_x budget unit, subject to the requirements of 326 IAC 10-4 if one (1) of the following occurs for any ozone control period:

(A) The fuel use restriction under 326 IAC 10-4-2 or the applicable restriction under 326 IAC 10-4-5(a) or 326 IAC 10-4-5(b) above is removed from the unit's federally enforceable permit or otherwise becomes no longer applicable.

(B) The unit does not comply with the fuel use restriction under 326 IAC 10-4-2 or the applicable restriction under 326 IAC 10-4-5(a) or 326 IAC 10-4-5(b) above.

The unit shall be treated as commencing operation and, for a unit under 326 IAC 10-4-1(a)(1), commencing commercial operation on September 30 of the ozone control period for which the fuel use restriction or the applicable restriction is no longer applicable or during which the unit does not comply with the fuel use restriction or the applicable restriction.

A unit exempt under this subsection shall comply with the restriction in 326 IAC 10-4-2 and the applicable restriction under 326 IAC 10-4-5(a) or 326 IAC 10-4-5(b) above during the ozone control period in each year.

The department will allocate NO_x allowances to the unit under 326 IAC 10-4-9(d). For each control period for which the unit is allocated NO_x allowances under 326 IAC 10-4-9(d):

(A) the owners and operators of the unit must specify a general account, in which U.S. EPA will record the NO_x allowances; and

(B) after U.S. EPA records the NO_x allowance allocation under 326 IAC 10-4-9(d), the U.S. EPA will deduct, from the general account in (A), NO_x allowances that are allocated for the same or a prior ozone control period as the NO_x allowances allocated under 326 IAC 10-4-9(d) and that equal the NO_x emission limitation (in tons of NO_x) on which the unit's exemption under this subsection is based. The NO_x authorized account representative shall ensure that the general account contains the NO_x allowances necessary for completion of the deduction.

Equation 1

$$\text{AOH} = \frac{50,000 \text{ lb / ocp}}{(\text{DR} \times \text{MRHHI})}$$

Where: AOH = Allowable ozone control period operating hours

DR = Default NO_x emission rate in Table LM-2 [highest default NO_x emission rate of any type of fuel that is allowed to be burned under the permit, i.e. if oil and natural gas are allowed, the oil emission rate would be used]

MRHHI = Unit's maximum rated hourly heat input*

* The owner or operator of the unit may petition the department to use a lower value for the unit's maximum rated hourly heat input than the value as defined under 326 IAC 10-4-2(25). The department may approve the lower value if the owner or operator demonstrates that the maximum hourly heat input specified by the manufacturer or the highest observed hourly heat input, or both, are not representative, and that the lower value is representative, of the unit's current capabilities because modifications have been made to the unit, limiting its capacity permanently.

40 CFR 75.19(c), Table LM-2. NO_x Emission Rates (lb/mmBtu) for Various Boiler/Fuel Types

Boiler type	Fuel type	NO _x emission rate
Turbine	Gas	0.7
Turbine	Oil	1.2
Boiler	Gas	1.5
Boiler	Oil	2